

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

In the claims

1.-27. (cancelled)

28. (currently amended): The method of claim 50, wherein said irradiating step is performed by irradiating smooth muscle tissue in an asthmatic lung.

29. (previously presented): The method of Claim 28, wherein said irradiating step is performed by emitting a light energy having a wavelength of about 240 nm to about 280 nm.

30. (previously presented): The method of Claim 28, wherein said irradiating step is performed by emitting light energy having a wavelength in the red visible range.

31. (previously presented): The method of Claim 28, wherein said irradiating step is performed by exposing the walls to radiation emitted by a radioactive pellet.

32. (previously presented): The method of Claim 28, wherein said irradiating step is performed by moving an energy delivery device along the airway.

33. (currently amended): A method for treating ~~a-lung~~ asthma comprising the steps of:

providing a source of energy; and

irradiating ~~[[the]]~~ walls of an airway with the energy at a wavelength and intensity sufficient to cause debulking over time in mucus gland cells and preventing the mucus gland cells from replicating.

34. (original): The method of Claim 33, wherein said irradiating step is performed by emitting a light energy having a wavelength of about 240 nm to about 280 nm.

35. (original): The method of Claim 33, wherein said irradiating step is performed by emitting light energy having a wavelength in the red visible range.

36. (original): The method of Claim 33, wherein said irradiating step is performed by exposing the walls to radiation emitted by a radioactive pellet.

37. (original): The method of Claim 33, wherein said irradiating step is performed by moving an energy delivery device along the airway.

38. – 49. (cancelled)

50. (currently amended): A method of treating ~~lung-tissue~~ asthma to relieve asthmatic symptoms, the method comprising:

providing a source of energy; and

irradiating ~~[[the]]~~ walls of an airway of ~~[[the]]~~ a lung with the source of energy at a wavelength and intensity which, over time, causes debulking of tissue of the lung ~~tissue~~ and prevents the lung tissue from replicating.

51. (cancelled)